

Abstract

In a die test unit the accumulation of static charge on an enclosure is substantially avoided by fabricating the enclosure to have smooth surfaces coated with a conductive material, insulating the coated or conductive surfaces of the enclosure from the test fixture, and coupling the coated or conductive surfaces to the ground. Any charge that accumulates on the coated or conductive surface of the enclosure is discharged along a conductive path to a reference potential typically formed by a connector, a ground conductor, and a ground. The enclosure supports a substantially laminar air flow over a die by providing a smooth inner surface and two or more vent holes formed about half way between a first end and a second end of the enclosure. The substantially laminar air flow assists in maintaining the air surrounding the die at a substantially constant temperature.

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